WHAT IS CLAIMED IS:

1. An antiglare film comprising a transparent support having thereon an antiglare layer, wherein the surface of the antiglare layer or the surface of a layer positioned above the antiglare layer is subjected to a rubbing treatment.

2. The antiglare film as claimed in claim 1, wherein the antiglare layer comprises particles and a binder.

3. The antiglare film as claimed in claim 2, wherein the particles have an average particle size of 0.5 to 10 μm.

4. The antiglare film as claimed in claim 2, wherein the particles having a size larger than 1/2 of the antiglare layer thickness occupy from 40 to 100% of all particles.

5. The antiglare film as claimed in claim 2, wherein the particles are particles of polymethyl methacrylate resin, fluororesin, vinylidene fluoride resin, silicone resin, epoxy resin, nylon resin, polystyrene resin, phenol resin, polyurethane resin, cross-linked acrylic resin, cross-linked polystyrene resin, melamine resin and benzoguanamine resin, TiO_2, Al_2O_3, In_2O_3, ZnO, SnO_2, Sb_2O_3, ZrO_2, ITO, MgF_2, SiO_2 or aminosilicate.

6. The antiglare film as claimed in claim 2, wherein the binder of the antiglare layer is a heat or ionizing radiation cured product of a mixture of a high refractive index monomer having a refractive index of 1.57 to 2.00 and a monomer having two or more ethylenically unsaturated groups.

7. The antiglare film as claimed in claim 2, wherein the binder of the antiglare layer is a heat or ionizing radiation cured product of a mixture of an oxide ultrafine particle of a metal selected from Al, Zr, Zn, Ti, In and Sn, and a monomer having two or more ethylenically unsaturated groups.

8. The antiglare film as claimed in claim 1, which comprises at least one low refractive index layer having a refractive index of 1.38 to 1.49.

9. The antiglare film as claimed in claim 8, which comprises at least one layer having a refractive index higher than that of the support and at least one layer having a refractive index lower than that of the support.

10. The antiglare film as claimed in claim 8, wherein the antiglare layer comprises a binder and particles, and the coating formed from a coating solution for the antiglare layer excluding particles having an average particle size of 1 μm or more has a refractive

index of 1.57 to 2.00.

11. The antiglare film as claimed in claim 8, wherein the low refractive index layer comprises a fluorine-containing compound having a dynamic friction coefficient of 0.03 to 0.15 and a contact angle to water of 90 to 120° and capable of crosslinking by heat or an ionization radiation.

12. A sheet polarizer comprising a polarizing layer and two sheets of protective film, wherein at least one protective film is an antiglare film comprising a transparent support having thereon an antiglare layer, wherein the surface of the antiglare layer or the surface of a layer positioned above the antiglare layer is subjected to a rubbing treatment.

13. The sheet polarizer as claimed in claim 12, wherein the antiglare film comprises at least one low refractive index layer having a refractive index of 1.38 to 1.49.

14. The sheet polarizer as claimed in claim 13, wherein the antiglare layer comprises a binder and particles and the coating formed from a coating solution for antiglare layer excluding particles having an average particle size of 1 μm or more has a refractive index of 1.57 to 2.00.

15. An image display device using an antiglare film for the outermost surface of the display, which antiglare film comprises a transparent support having thereon an antiglare layer, wherein the surface of the antiglare layer or the surface of a layer positioned above the antiglare layer is subjected to a rubbing treatment.

16. The image display device as claimed in claim 15, wherein the antiglare film comprises at least one low refractive index layer having a refractive index of 1.38 to 1.49.

17. The image display device as claimed in claim 16, wherein the antiglare layer comprises a binder and particles and the coating formed from a coating solution for the antiglare layer excluding particles having an average particle size of 1 μm or more has a refractive index of 1.57 to 2.00.

18. The image display device as claimed in claim 15, wherein the display device is a liquid crystal display device.